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50,000 World Traditional Medicine (WTM) Patents Now Available in CAplus NEWS 16 APR 07 MEDLINE Coverage Is Extended Back to 1947

NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2, AND CURRENT DISCOVER FILE IS DATED 15 JANUARY 2010.

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NEWS 15

APR 07

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FILE 'HOME' ENTERED AT 16:22:44 ON 05 JUN 2010

=> file reg

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE TOTAL ENTRY SESSION 0.22 0.22

FILE 'REGISTRY' ENTERED AT 16:22:51 ON 05 JUN 2010 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2010 American Chemical Society (ACS)

Property values tagged with IC are from the  ${\tt ZIC/VINITI}$  data file provided by InfoChem.

STRUCTURE FILE UPDATES: 3 JUN 2010 HIGHEST RN 1226953-63-4 DICTIONARY FILE UPDATES: 3 JUN 2010 HIGHEST RN 1226953-63-4

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http://www.cas.org/support/stngen/stndoc/properties.html

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L1 STRUCTURE UPLOADED

=> s 11

SAMPLE SEARCH INITIATED 16:25:40 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 5685 TO ITERATE

35.2% PROCESSED 2000 ITERATIONS INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED) SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 109179 TO 118221 PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s 11 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 191.05 U.S. DOLLARS DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y FULL SEARCH INITIATED 16:25:46 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 114659 TO ITERATE

100.0% PROCESSED 114659 ITERATIONS

0 ANSWERS

2 ANSWERS

SEARCH TIME: 00.00.07

L3 0 SEA SSS FUL L1

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L4 STRUCTURE UPLOADED

=> s 14

SAMPLE SEARCH INITIATED 16:27:26 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 91 TO ITERATE

100.0% PROCESSED 91 ITERATIONS 0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 1248 TO 2392 PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L4

=> s 14 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 191.05 U.S. DOLLARS DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y FULL SEARCH INITIATED 16:27:30 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 1807 TO ITERATE

100.0% PROCESSED 1807 ITERATIONS

SEARCH TIME: 00.00.01

L6 2 SEA SSS FUL L4

=> file hcaplus

COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION 54.24

FILE 'HCAPLUS' ENTERED AT 16:27:33 ON 05 JUN 2010 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2010 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE COVERS 1907 - 5 Jun 2010 VOL 152 ISS 24 FILE LAST UPDATED: 4 Jun 2010 (20100604/ED) REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2010 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2010

HCAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 16 L7 3 L6

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L8 0 L7 AND LIGHTNER, J?/AU

 $\Rightarrow$  s 17 and ng, h?/au 1105 NG, H?/AU

L9 0 L7 AND NG, H?/AU

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THE ESTIMATED COST FOR THIS REQUEST IS 17.43 U.S. DOLLARS DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y) / N: y

ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2004:515506 HCAPLUS

141:71453 DOCUMENT NUMBER:

Preparation of anthranilic acid amide derivatives as TITLE:

neoplastic inhibitors

INVENTOR(S): Bold, Guido; Furet, Pascal; Manley, Paul William

Novartis Ag, Switz.; Novartis Pharma GmbH PATENT ASSIGNEE(S):

PCT Int. Appl., 81 pp. SOURCE:

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

KIND DATE PATENT NO. APPLICATION NO. DATE

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     WO 2004052884
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PRIORITY APPLN. INFO.:
                                                                  Α
                                                                    20021212
                                             WO 2003-EP14086
                                                                     20031211
OTHER SOURCE(S):
                         MARPAT 141:71453
GΙ
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AB The title compds. I [wherein R and R0 = independently H, halo, (un)substituted alkyl, alkenyl, alkynyl, aryl, heteroaryl, etc.; R1 = H, halo, (un)substituted alkyl, alkenyl, alkynyl, alkoxy, OCF3, OCH2CF3, OCH2CH2CF3, or OCH2CH2CF3; R2 = perfluoroalkyl; R3 = H or halo; X = OH, alkoxy, alkylthio, imino, alkylimino, halo, etc.; Z = N or CH] or salts, N-oxides, or tautomers thereof are prepared as neoplastic inhibitors for the treatment of human or animal body. For example, the compound II was prepared in a multi-step synthesis. Formulations containing I as an active ingredient were also described.

IT 657401-06-4P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(drug candidate, reactant; preparation of anthranilic acid amide derivs. as neoplastic inhibitors)

657401-06-4 HCAPLUS RN

Benzamide, 2-[[(2-bromo-4-pyridinyl)methyl]amino]-N-[3-CN (trifluoromethyl)phenyl]- (CA INDEX NAME)

8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS REFERENCE COUNT: RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2004:120827 HCAPLUS

DOCUMENT NUMBER: 140:181330

TITLE: Preparation of anthranylamidopyridines as inhibitors

of vascular endothelial growth factor receptor-2 and

-3 (VEGFR-2 and -3).

Huth, Andreas; Krueger, Martin; Zorn, Ludwig; Ince, INVENTOR(S):

Stuart; Thierauch, Karl-Heinz; Menrad, Andreas;

Haberey, Martin; Hess-Stump, Holger

PATENT ASSIGNEE(S): Schering Aktiengesellschaft, Germany SOURCE: PCT Int. Appl., 88 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: German

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

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WO 2004013102				A1 200402			0212		 WO 2	20030722								
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		HR,	HU,	ID,	IL,	IN,	IS,	JP,	ΚE,	KG,	KΡ,	KR,	KΖ,	LC,	LK,	LR,	LS,	
		LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NI,	NO,	NZ,	OM,	PH,	
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									Ţ	US	200	3-6	310	18		А3	20030	731

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): MARPAT 140:181330 GI

AB Title compds. [I; X = CH, N; W = H, F; A, B, D, E, Q = N, C;  $\leq 2$  of A, B, D, E, Q = N; R1 = (substituted) aryl, heteroaryl; Y, Z = bond, CO, CS, SO2; R2, R3 = H, CONR9R10, SO2R6, COR11, NR9R10, (substituted) alkyl, cycloalkyl, cycloalkenyl, aryl, heteroaryl; R2YNZAR3 = atoms to form a 3-8 membered (substituted) (unsatd.) ring; R6 = H, alkyl, haloalkyl, (substituted) aryl, heteroaryl, NR9R10; R9, R10 = H, alkyl, alkenyl, aryl, cycloalkyl, etc.; R11 = alkyl, alkoxy, hydroxyalkyl, hydroxyalkoxy, cycloalkyl, (substituted) Ph, pyridyl, biphenyl, naphthyl], were prepared Thus, 2-[(2-bromopyridin-4-ylmethyl)amino]-N-(3-trifluoromethylphenyl)benzamide (preparation given) pyridine, and N,N-dimethylaminoethylamine were heated in a pressure vessel for 5 h at 200° to give 2-[[2-(2-dimethylaminoethylamino)pyridin-4-

ylmethyl]amino]-N-(3-trifluoromethylphenyl)benzamide. I inhibited VEGFR-2 with IC50 = 8-65 nM. I can be used for treatment of tumor or metastasis growth, psoriasis, Kaposi's sarcoma, restenosis, endometriosis, Crohn's disease, Hodgkin's disease, leukemia, arthritis, hemangioma, angiofibroma, eye disease, renal diseases, transplant rejection, fibrotic diseases, mesangial cell proliferative diseases, atherosclerosis, injuries to nervous tissue and for inhibition of the reocclusion of vessels after balloon catheter treatment, in vessel prosthetics, or after the application of mech. devices to hold open vessels, as immunosuppressants, for scar-free wound healing, age spots and contact dermatitis.

IT 657401-06-4

RL: RCT (Reactant); RACT (Reactant or reagent) (preparation of anthranylamidopyridines as inhibitors of vascular endothelial growth factor receptor)

RN 657401-06-4 HCAPLUS

CN Benzamide, 2-[[(2-bromo-4-pyridinyl)methyl]amino]-N-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

OS.CITING REF COUNT: 18 THERE ARE 18 CAPLUS RECORDS THAT CITE THIS

RECORD (20 CITINGS)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2000:335388 HCAPLUS

DOCUMENT NUMBER: 132:347491

TITLE: Preparation of N-aryl(thio)anthranilic acid amides as

VEGF receptor tyrosine kinase inhibitors

INVENTOR(S): Altmann, Karl-Heinz; Bold, Guido; Furet, Pascal;

Manley, Paul William; Wood, Jeanette Marjorie;

Ferrari, Stefano; Hofmann, Francesco; Mestan, Jurgen; Huth, Andreas; Kruger, Martin; Seidelmann, Dieter;

Menrad, Andreas; Haberey, Martin; Thierauch,

Karl-Heinz

PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Novartis-Erfindungen

Verwaltungsgesellschaft m.b.H.; Schering

Aktiengesellschaft

SOURCE: PCT Int. Appl., 77 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

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ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): MARPAT 132:347491
GI

$$R^4$$
 $R^3$ 
 $R^4$ 
 $R^5$ 
 $R^5$ 
 $R^6$ 
 $R^7$ 
 $R^7$ 
 $R^7$ 

AB Use of title compds. I; W = O, S; X = NR8; Y = CR9R10(CH2)n, SO2; R9, R10 = H, alkyl; n = 0-3; R1 = aryl; R2 = mono- or bicyclic heteroaryl with the exception that R2 cannot = 2-phthalimidyl, and when Y = SO2 cannot represent 2,1,3-benzothiadiazol-4-yl; R3-R6 = H, substituent; R7, R8 = H, alkyl; or a N-oxide or a pharmaceutically acceptable salt thereof, for the preparation of a pharmaceutical product for the treatment of a neoplastic disease which responds to an inhibition of the VEGF receptor tyrosine kinase activity is claimed. Thus, a mixture of 4-pyridinecarboxaldehyde and 2-amino-N-(4-trifluoromethylphenyl)benzamide (preparation given) in MeOH containing

HOAc was treated with NaBH3CN followed by 16 h stirring to give 2-[(4-pyridyl)methyl]amino-N-[4-(trifluoromethyl)phenyl]benzamide. Tested I inhibited Flt-1 VEGF receptor tyrosine kinase with IC50 = 0.18-0.56  $\mu\text{M}$ .

IT 269391-01-7P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of N-aryl(thio)anthranilic acid amides as VEGF receptor tyrosine kinase inhibitors)

RN 269391-01-7 HCAPLUS

CN Benzamide, 2-[[(1,2-dihydro-2-oxo-4-pyridinyl)methyl]amino]-N-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

OS.CITING REF COUNT: 38 THERE ARE 38 CAPLUS RECORDS THAT CITE THIS RECORD (42 CITINGS)

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0 ANSWERS

L10 STRUCTURE UPLOADED

=> s 110

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L11 0 SEA SSS SAM L10

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100.0% PROCESSED 33645 ITERATIONS 2 ANSWERS SEARCH TIME: 00.00.01

L12 2 SEA SSS FUL L10

=> d his

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FILE 'REGISTRY' ENTERED AT 16:22:  L1 STRUCTURE UPLOADED  L2 0 S L1  L3 0 S L1 FULL  L4 STRUCTURE UPLOADED  L5 0 S L4  L6 2 S L4 FULL	51 ON 05 JUN 2010	
FILE 'HCAPLUS' ENTERED AT 16:27:3 L7		
FILE 'REGISTRY' ENTERED AT 16:29: L10 STRUCTURE UPLOADED L11 0 S L10 L12 2 S L10 FULL	11 ON 05 JUN 2010	
=> file hcaplus COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
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USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2010

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         3 L12
L13
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L1
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L2
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L3
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L4
L5
             0 S L4
L6
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L7
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             0 S L7 AND LIGHTNER, J?/AU
L8
L9
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L10
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L11
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L12
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L13

L14 0 L13 NOT L7

3 S L12